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IN THE CLAIMS:

Please amend claims 1, 6, 8-12, 18, 20, 21, 22, 24, 25, 28, 30, and 31 as follows:

1. (Currently amended) An audio user-interfacing method in which each of multiple items ~~[[are]]~~ is represented in an audio field by a respective corresponding synthesized sound ~~sources~~ source from ~~where~~ which sounds related to the items appear to emanate, the method ~~including the steps of~~ comprising:

(a) allocating the sound sources to groups such that each group comprises multiple sound sources with each sound source having its own respective position in said audio field; and

(b) automatically and cyclically ~~un-muting~~ unmuting each group of sound sources in turn for a limited period with the groups other than the current cyclically ~~un-muted~~ unmuted group being at least partially muted.

2. (Previously presented) A method according to claim 1, wherein the sound sources are allocated to the groups according to at least one characteristic of their respective associated items.

3. (Previously presented) A method according to claim 1, wherein the sound sources are allocated to the groups according to their positions in the audio field.

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4. (Previously presented) A method according to claim 1, wherein the sound sources are allocated to the groups by a user.

5. (Original) A method according to claim 1, wherein each sound source has its own respective group.

6. (Currently amended) A method according to claim 1, further including ~~un-muting~~ unmuting at least one group of sound sources that is treated as an exception.

7. (Previously presented) A method according to claim 1, further including adjusting, by a user, the duration of said limited period.

8. (Currently amended) A method according to claim 1, further including cross fading the group whose limited period of being ~~un-~~ unmuted is ending with the group whose period of being unmuted is next to occur.

9. (Currently amended) A method according to claim 1, wherein each group is associated with a respective audio-field reference relative to which the sound sources of the group are positioned, independently moving the audio-field references relative to a presentation reference which is determined by a mounting

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configuration of audio output devices used to ~~synthesise~~ sythesize said sound sources.

10. (Currently amended) A method according to claim 1, further including stabilizing the audio field relative to one of:

- a user's head;
- a user's body;
- a vehicle in which the user is travelling; and
- the world~~[[;]]~~, and

performing the stabilization, as appropriate, in response to rotation of the user's head or body~~[[,]]~~ or turning of the vehicle, taking account of whether audio output devices used to ~~synthesise~~ sythesize the sound sources are world\_, vehicle\_, body\_ or head-mounted.

11. (Currently amended) A method according to claim 1, wherein at least some of ~~[[the]]~~ said items represented by the sound sources are audio labels for services, the method further including selecting a service by selecting the corresponding audio-label sound source.

12. (Currently amended) Apparatus for providing an audio user interface in which each of multiple items ~~[[are]]~~ is represented in an audio field by a respective corresponding synthesized sound

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sources from ~~where~~ which sounds related to the items appear to emanate, the apparatus comprising:

- storage means for storing data concerning the sound sources, ~~[[this]]~~ said data including grouping data associating sound sources into groups, each with multiple sound sources;

- rendering-position determining means for determining, for each of said sound sources, an associated respective rendering position at which the sound source is to be synthesized to sound in the audio field;

- audibility-determining means for determining the audibility of each sound source based on its group, the audibility-determining means being arranged to automatically and cyclically ~~un-muting~~ unmute each group of sound sources in turn for a limited period, with the groups other than the current cyclically ~~un-muted~~ unmuted group being at least partially muted; and

- rendering means, including audio output devices, for generating an audio field in which said sound sources are synthesized at their associated rendering positions and with audibility as determined by said audibility-determining means.

13. (Original) Apparatus according to claim 12, further comprising means for automatically grouping the sound sources

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according to at least one characteristic of their respective associated items.

14. (Original) Apparatus according to claim 12, further comprising means for automatically grouping the sound sources according to their positions in the audio field

15. (Original) Apparatus according to claim 12, further comprising a user input arrangement for enabling a user to allocate the sound sources to groups.

16. (Original) Apparatus according to claim 12, wherein each sound source has its own respective group.

17. (Original) Apparatus according to claim 12, further comprising a user input arrangement for enabling a user to adjust the duration of said limited period.

18. (Currently amended) Apparatus according to claim 12, wherein the audibility-determining means includes cross-fade means for cross fading the sound sources of the group whose limited period of being ~~un-muted~~ unmuted is ending with the sound sources of the group whose period of being ~~un-muted~~ unmuted is next to occur.

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19. (Previously presented) Apparatus according to claim 12, wherein the rendering-position determining means comprises:

- means for setting the location of each of said sound sources relative to an audio-field reference;

- means for controlling an offset between the audio field reference and a presentation reference, the presentation reference being determined by a mounting configuration of the audio output devices; and

- means for deriving the rendering position of each sound source based on the location of the sound source in the audio field and said offset.

20. (Currently amended) Apparatus according to claim 19, wherein ~~[[the]]~~ said means for setting an offset between the audio field reference and a presentation reference~~[[,]]~~ comprises user input means for enabling a user to change said offset, and ~~stabilisation~~ stabilization means for varying the ~~[[said]]~~ offset ~~[[such]]~~ so as to ~~stabilise~~ stabilize the audio field reference relative to one of:

- a user's head;
- a user's body;
- a vehicle mounting the apparatus; and
- the world.

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21. (Currently amended) Apparatus according to claim 12, wherein at least some of the [[said]] items represented by the sound sources are audio labels for services, the apparatus including a selection arrangement for selecting a service by selecting the corresponding audio-label sound source.

22. (Currently amended) Apparatus for providing an audio user interface in which each of multiple items [[are]] is represented in an audio field by corresponding synthesized sound sources from ~~where~~ which sounds related to the items appear to emanate, the apparatus comprising:

- a data store for storing data concerning the sound sources, [[this]] said data including grouping data associating sound sources in groups of multiple sound sources;

- a rendering-position determining arrangement arranged to determine, for each said sound source, an associated rendering position at which the sound source is to be synthesized to sound in the audio field;

- an audibility-determining arrangement arranged to determine the audibility of each sound source based on its group, the audibility-determining arrangement being further arranged to automatically and cyclically ~~un-mute~~ unmute each group of sound sources in turn for a limited period, with the groups other than

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the current cyclically ~~un-muted~~ unmuted group being at least partially muted; and

- a rendering subsystem, including audio output devices, arranged to generate an audio field in which said sound sources are synthesized at their associated rendering positions and with audibility as determined by said audibility-determining arrangement.

23. (Previously presented) Apparatus according to claim 22, further comprising an arrangement arranged to automatically group the sound sources according to at least one characteristic of their respective associated items.

24. (Currently amended) Apparatus according to claim 22, further comprising an arrangement arranged to automatically group the sound sources according to their positions in the audio field.

25. (Original) Apparatus according to claim 22, further comprising a user input arrangement for enabling a user to allocate the sound sources to groups.

26. (Original) Apparatus according to claim 22, wherein each sound source has its own respective group.



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27. (Original) Apparatus according to claim 22, further comprising a user input arrangement for enabling a user to adjust the duration of said limited period.

28. (Currently amended) Apparatus according to claim 22, wherein the audibility-determining arrangement includes a cross-fader arranged to cross-fade the sound sources of the group whose limited period of being ~~un-muted~~ unmuted is ending with the sound sources of the group whose period of being ~~un-muted~~ unmuted is next to occur.

29. (Previously presented) Apparatus according to claim 22, wherein the rendering-position determining arrangement comprises:

- a setting arrangement for setting the location of each said sound source relative to an audio-field reference;
- a control arrangement for controlling an offset between the audio field reference and a presentation reference, the presentation reference being determined by a mounting configuration of the audio output devices; and
- a deriving arrangement arranged to derive the rendering position of each sound source based on the location of the sound source in the audio field and said offset.

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30. (Currently amended) Apparatus according to claim 29, wherein ~~[[the]]~~ said setting arrangement comprises a user input arrangement for enabling a user to change said offset, and a ~~etabilisation~~ stabilization arrangement arranged to vary the ~~[[said]]~~ offset ~~[[such]]~~ so as to ~~etabilise~~ stabilize the audio field reference relative to one of:

- a user's head;
- a user's body;
- a vehicle mounting the apparatus; and
- the world.

31. (Currently amended) Apparatus according to claim 22, wherein at least some of the ~~[[said]]~~ items represented by the sound sources are audio labels for services, the apparatus including a selection arrangement for selecting a service by selecting the corresponding audio-label sound source.

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